

AMENDMENTS TO THE CLAIMS

The current status of all claims in the Application is as follows:

1. (CURRENTLY AMENDED) An arc discharge lamp comprising:
 - an arc chamber;
 - an amalgam tip attached to and communicating with said arc chamber through a constricted area;
 - an amalgam retainer of ceramic paper in said arc chamber abutted against said constricted area, said amalgam retainer being vibration-insensitive, solid and liquid amalgam impervious and mercury vapor pervious; and
 - an amalgam contained within said amalgam tip.
2. (ORIGINAL) The arc discharge lamp of Claim 1 wherein said amalgam retainer comprises a ceramic felt.
3. (ORIGINAL) The arc discharge lamp of Claim 2 wherein said ceramic felt is comprised of fibers of mixed aluminum and silicon oxides.
4. (ORIGINAL) The arc discharge lamp of Claim 3 wherein said fibers have a diameter of <10 microns.
5. (ORIGINAL) The arc discharge lamp of Claim 4 wherein said lamp is a low pressure discharge lamp.
6. (ORIGINAL) The arc discharge lamp of Claim 5 wherein said amalgam includes bismuth and indium.
7. (ORIGINAL) The arc discharge lamp of Claim 5 wherein said amalgam tip has a given diameter and said amalgam retainer, prior to insertion, has a larger diameter.